

# SnowDogg® Snowplow Headlight Adapter

## INSTALLATION INSTRUCTIONS

### 16071150

### HB3/HB4 - GM 2003-2007 (\*\*1999-2002)

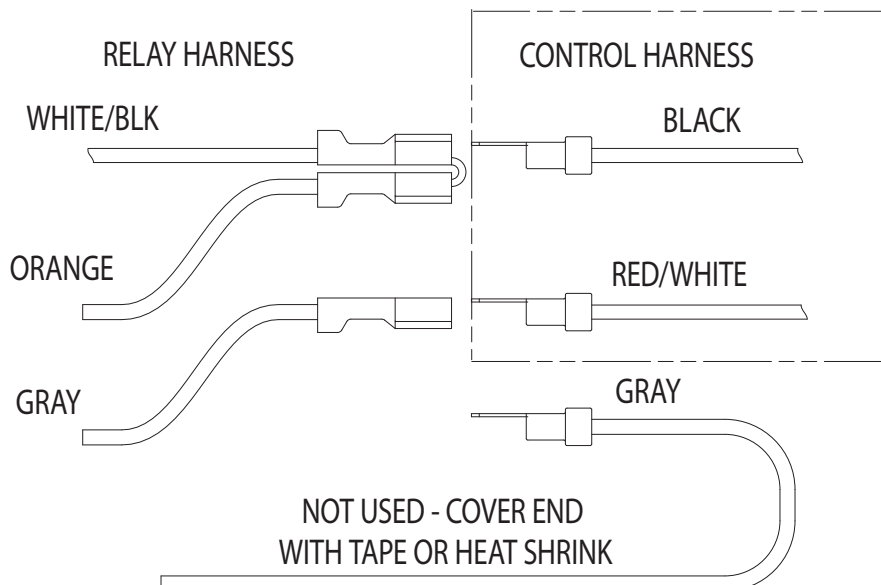
#### INSTRUCTIONS

1. Disconnect both PS and DS side truck headlights from the truck harness.
2. Connect the 16071150 adapters to the OEM headlight connectors and truck harness connectors.
3. Connect the 16071150 adapters to the universal light harness connectors on the RELAY HARNESS that came with the snowplow harness kit.
4. Use an included Tap connector to tap the BROWN wire into the PARKING light circuit on both the PS and DS circuits.  
 \*\* (see special instructions for 99-02 applications)
5. Use an included Tap connector to tap the PURPLE wire into the TURN light circuit on both the PS and DS circuits.

#### SPECIAL INSTRUCTIONS FOR 1999-2002 GM 1500/2500/3500 2004+ COLORADO/CANYON 1994-2003 S-10/SONOMA

6. The RELAY HARNESS must be installed for SWITCHED GROUND configuration as shown in the owner's manual.
  - Locate the gray wire with male/female (already connected). Disconnect the two halves. The male quick connect end of the gray wire will be not be used and may be taped off.
  - The female end should be connected to the RED/WHITE wire from the 16160300 harness.
  - Connect the other wires as shown.
  - **Connect brown wire to ground.**
7. Check all light functionality before operating the plow.

#### SWITCHED GROUND HEADLIGHTS (SEE APP GUIDE FOR ASSISTANCE)



**Instructions For Use With 16160100/B Relay Harness. Contact SnowDogg Tech Support At 866-974-3644 For Use With Earlier Harnesses.**

FOR 1999-2002 Truck and 2004+ Colorado/Canyon applications, 16071150R should be used. This harness can easily be converted into a 16071150R. See instructions below.

**CONVERSION OF 16071150 TO 16071150R**  
**1999-2002 GM TRUCK**  
**2004+ COLORADO/CANYON**

If your relay harness does not have a BLACK WIRE, contact your dealer or SnowDogg® tech support.

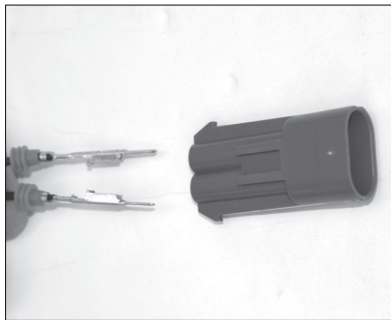
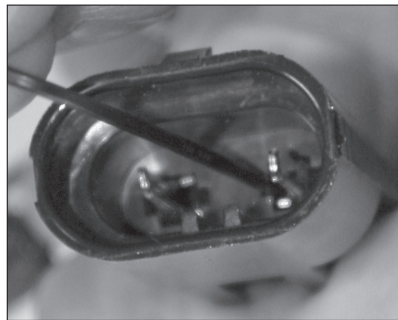
The CAB switch for switching the lights can NOT be used in this configuration. These instructions are different than those shown in the owner's manual and must be followed in order for the lights to function properly.

**RELAY HARNESS INSTALLATION**

1. The RED, ORANGE, and BLACK wires on the RELAY HARNESS must all be connected to GROUND.  
***THIS IS DIFFERENT THAN THE STANDARD INSTALLATION INSTRUCTIONS IN THE PLOW OWNER'S MANUAL.***

**HEADLIGHT ADAPTER REWORK**

2. Switch the A+B pins on both LONG connectors that connect to the truck harness as shown below. Remove the terminals, flip the connector over, and reinsert the pins.



3. The GREEN and YELLOW wires will now be in the B position of the long connectors. The black wires will be in the A positions.
4. Install as directed, but connect the BROWN wire to a good ground on both the PS and DS sides.  
The pins can be removed with a small screwdriver or hex key.

The lock clips that retain the terminals may need to be bent back into their original positions to ensure that the terminal is properly retained – it should snap into place.